

## **Uniross Universal Battery Charger User Guide**

### **IMPORTANT SAFETY INSTRUCTIONS**

Use only rechargeable batteries in the charger. Do not attempt to recharge any non-rechargeable batteries.

Do not mix cells sizes, technologies or capacities in the charger.

This charger is designed for indoor use only.

Do not expose the charger to high temperatures or allow moisture or humidity of any kind to come into contact with the charger.

This charger must only be used by adults and should be kept out of reach of children.

Do not attempt to open the charger. Repairs should only be carried out by a qualified service centre.

Always disconnect the charger when not in use.

Never use an extension lead or any attachment if not recommended by manufacturer

As this may cause a risk of fire, electric shock or injury to persons.

Batteries contain chemicals which are hazardous to the environment. Please dispose of batteries properly at specially appointed collection points, or return them to point of sale.

### **DESCRIPTION**

A. Green LED light indicating the charge process

B. Red LED light indicating the charger is on

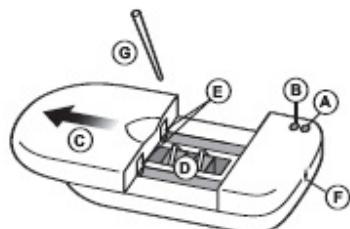
C. Moveable part of the charger

D. Connectors +/- for the Li-Ion pack

E. Place for batteries Ni-MH and Ni-Cd

F. Connection for the adaptor

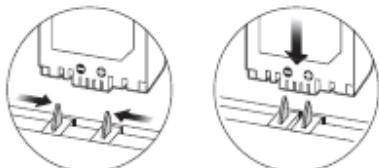
G. Small plastic insert (stylus) for improved positioning of the contacts on the charger



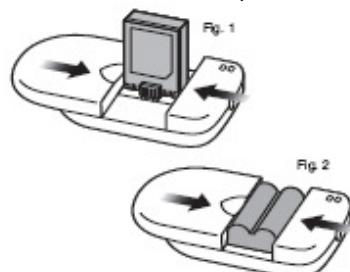
### **INSTRUCTIONS**

#### **1. Connect the charger**

Plug the adaptor to the mains and the output cord to the charger. To use in a car, plug the carcord into the lighter socket. The red LED will light to indicate the charger is on.



#### **2. Insert batteries : 2 Options**



## 2.1 Li-Ion battery

- Remove the clear insert in the charger before charging batteries.
- Adjust the position of contacts in order to align them to the polarities +/- of the battery.
- The battery will be positioned vertically (fig.1) or horizontally (fig. 2) depending on the polarities on the charger.
- Release the moveable part of the charger carefully to make sure the battery is locked in position.

## 2.2 Ni-MH and Ni-Cd rechargeable batteries

- Only charge batteries of the same size (AA or AAA) and the same technology (Ni-MH or Ni-Cd).
- Slide over the moveable part of the charger at the bottom.
- Put the batteries in line with the channels indicated on the charger.
- Release the moveable part of the charger carefully to make sure the battery is locked into position.

## 3. Charging mode

When the battery pack or rechargeable batteries are well placed in the charger, the charge will start. When charging, the green LED will flash. It will light continuously when the charge ends and when the battery is completely charged.

## IF CHARGING DOES NOT START

Effect	Diagnostic
No LED Light	The charger is not connected properly
The green LED is not lit when the battery is inserted and the charger is connected	The battery is not properly connected in the charger. If the battery has more than two connectors try a new configuration to position the connectors on the charger until the green LED flashes.
The LEDs are lighting alternatively	Connectors of the charger are in short-circuit or the battery is faulty.

## TECHNICAL CHARACTERISTICS

### Adaptor

- Input : 110-240V mains adaptor / 12V carcord
- Output : 12V – 650mA

### Charger

- Input : 12V – 650mA
- Output : Li-Ion 4,2/8,4V / Ni-MH/Ni-Cd 1,4V

### Trickle charge, -DV, timer 8hr30

In conformity with European directive 2002/96/CE, this product is classed in the category of electrical and electronic equipment subject to the requirements for separate waste collection and recycling. It carries the selective waste disposal mark. This indicates that it should not be disposed of with other domestic waste, but should be left at an appropriate collection point provided by your local authority. It will be returned to an approved centre which will reuse and recycle its constituent parts, whilst neutralising any possible substances harmful to health or the environment. By participating in separate waste collection, you are contributing to reducing wastefulness of our natural resources. For further information, please visit [www.uniross.com](http://www.uniross.com)

